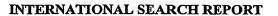
## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/14305 CLASSIFICATION OF SUBJECT MATTER Int.Cl' H01G4/33 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.C1' H01G4/33 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003 Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category\* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y JP 2000-169297 A (Sharp Corp.), . 1-13 20 June, 2000 (20.06.00), Claims; Par. Nos. [0025] to [0041]; Fig. 6 (Family: none) Y JP 07-245236 A (Rohm Co., Ltd.), 1-13 19 September, 1995 (19.09.95), Par. Nos. [0038], [0040]; Fig. 1 & US 6052271 A1 JP 10-294432 A (Sony Corp.), Y 1-13 04 November, 1998 (04.11.98), Par. Nos. [0031] to [0032]; Fig. 2 (Family: none) Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: later document published after the international filing date or document defining the general state of the art which is not priority date and not in conflict with the application but cited to considered to be of particular relevance understand the principle or theory underlying the invention earlier document but published on or after the international filing document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive document which may throw doubts on priority claim(s) or which is step when the document is taken alone cited to establish the publication date of another citation or other document of particular relevance; the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art document published prior to the international filing date but later document member of the same patent family than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 05 February, 2004 (05.02.04) 17 February, 2004 (17.02.04) Name and mailing address of the ISA/ Authorized officer Japanese Patent Office Facsimile No.

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International application No.
PCT/JP03/14305

	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Category* Y	JP 08-306865 A (NEC Corp.), 22 November, 1996 (22.11.96), Claims; Par. Nos. [0002] to [0004], [0010] to [0013]; Figs. 1, 7 (Family: none)	1-13
Y	JP 2001-15382 A (Kyocera Corp.), 19 January, 2001 (19.01.01), Claims; Par. No. [0004] (Family: none)	1–13
Y .	JP 07-106198 A (Matsushita Electric Industrial Co., Ltd.), 21 April, 1995 (21.04.95), Claims & US 5459635 A1	12
Y	JP 08-253324 A (Sumitomo Metal Mining Co., Ltd.), 01 October, 1996 (01.10.96), Claims; Par. Nos. [0012], [0017] (Family: none)	1-13 ·
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